

Town of West Hartford

Inland Wetlands Permit Application – 956 New Britain Avenue revisions

Engineering comments April 4, 2018

1. Discrepancies in the vertical datum have been discussed with the town staff and resolved and notes have been added to the plans to clarify the vertical datum
2. A detail of the stone lined filter strip has been added to sheet 3
3. The notes pertaining to the Park River Project Water Storage Area have been added to the plan along with the section of the regulations and notes regarding the parking lot is subject to flooding.
4. We have discussed the width of the parking lot and reduced the width of pavement allowing us to bring the stone lined filter strip further away from the Park river and increase the size to improve water quality further.
5. Utility connections have been shown as requested.
6. 100 year flood line shown.

Planning comments April 27, 2018

The drainage area into the stone lined filter strip has been shown, it is 0.24 acres. It was 0.26 acres but we have removed pavement and put the filter strip in the area of the removed pavement.

We did look at a traditional Rain Garden instead of a stone lined filter strip and the engineer decided against it as we did not want infiltration in this area, we are not trying to hold water back, we are trying to improve water quality. Being so close to the river we want to get our storm water out and gone before the upstream storm water gets to this point.

The plant size and type have been shown on the plan.

Notes regarding the limit of the invasive species removal and methods have been added to the plans.

Engineering comments May,4 2018

1. Flood plain has been revised to show elevation 48 NGVD
2. The Park River flood plain has been noted on the same datum as the plan.
3. 'Filter strip note revised to say see detail
4. The northerly curb line has been moved southerly by 6 to 10 feet to allow more room for the filter strip and reduce the overall hard surface of the site.
5. Vertical datum labeled on sheets 1 and 2.